

**IN THE CLAIMS**

Please amend the claims as follows:

Claim 1 (Previously Presented): A sandwich panel core, wherein the core is a 3-D structure formed from a sheet of polymeric paper, a binder layer is applied onto both sides of the sheet, the sheet includes perforation holes, and the binder layers bond to each other at a location of the perforation holes wherein said 3-D structure is formed by a multiplicity of folds about zigzag bend lines and said perforation holes are arranged at and between adjacent bend lines.

Claim 2 (Previously Presented): The sandwich panel core according to Claim 1, wherein the binder layers are made of phenol-formaldehyde resin.

Claim 3 (Currently Amended): The sandwich panel core according to Claim 1, wherein [[the]] a top binder layer has an inner surface bonded to the paper, and an outer unbonded surface.

Claim 4 (Currently Amended): The sandwich panel core according to Claim 1, wherein [[the]] a bottom binder layer has an inner surface bonded to the paper, and an outer unbonded surface.

Claim 5 (Currently Amended): The sandwich panel core according to Claim 1, formed by a process comprising:

applying binder layers to the top and bottom both sides of the paper in a liquid state; bonding the binder layers to each other at locations of the perforation holes; and

thermally hardening the binder layers.